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PROCEEDINGS OF THE SEVENTY-SIXTH ANNUAL MEETING OF THE AMERICAN STATISTICAL ASSOCIATION, PRINCETON, N. J., DECEMBER 28-31, 1914.

The seventy-sixth annual meeting of the American Statistical Association was held at Princeton, N. J., December 28-31, 1914. The following program was carried out:

#### PROGRAM.

### Monday, December 28.

8.00 p. m. First Session, 50 McCosh Hall.

Joint session with the American Economic Association and the American Sociological Society.

Presiding officer, Dr. John Grier Hibben, President of Princeton University.

Presidential Addresses:

John H. Gray, President of the American Economic Association, "Economics and the Law."

John Koren, President of the American Statistical Association, "Some Statistical Ideals."

Edward A. Ross, President of the American Sociological Society, "Freedom of Communication and the Struggle for Right."

#### Tuesday, December 29.

10.00 a.m. Second Session, 30 McCosh Hall.

The Relations of the Association to:

- (a) Federal Statistical Bureaus, Frederick L. Hoffman.
- (b) State Statistical Bureaus, Robert E. Chaddock, Leonard W. Hatch. Discussion under the five-minute rule.
- 2.30 p. m. Third Session, 30 McCosh Hall.

The Relations of the Association to:

- (a) Municipal Statistical Bureaus, Edward M. Hartwell.
- (b) Public Service and Business Statistics, M. O. Lorenz, Julius H. Parmelee.
- (c) Social Statistics and "Surveys," J. L. Gillin.

Discussion under the five-minute rule.

4.30 p. m. Reception at "Prospect" by President and Mrs. Hibben.

8.30 p. m. Smoker at the Nassau Club.

#### Wednesday, December 30.

10.00 a.m. Fourth Session, 10 McCosh Hall.

Round-table meeting with the American Economic Association.

Discussion under the ten-minute rule.

The Statistical Work of the United States Government, Wesley C. Mitchell, Walter S. Gifford, Walter F. Willcox, E. Dana Durand, Roger W. Babson, John Cummings, Harvey S. Chase, Royal Meeker. Discussion under the five-minute rule.

2.30 p.m. Fifth Session, 30 McCosh Hall.

Improvement and Extension of the Registration Service, Joseph A. Hill, Louis I. Dublin.

Discussion under the five-minute rule.

7.00 p.m. Subscription Dinner in Proctor Hall of the Graduate College.

### THURSDAY, DECEMBER 31.

10.00 a.m. Sixth Session, 30 McCosh Hall.
Annual Business Meeting.

### MINUTES OF THE BUSINESS MEETING.

Meeting called to order by President Koren at 10.15 a.m. The reading of the minutes of the previous annual meeting was dispensed with owing to the fact that these minutes had already been published in the proceedings.

The Secretary presented the following report:

#### SECRETARY'S REPORT.

# Mr. President and Members of the Association:

I have the following to report in regard to the condition of the Association:

Membership February 14, 1914, date of last annual	
meeting	683
New members added	37
Deaths during the year 9	
Resignations	
Dropped	
Total deductions	39
Present membership	681
Net loss	1
Beside members we have:	
Subscribers (mostly libraries)	205
Domestic Exchanges	. 37
Foreign Exchanges	117
Total mailing list	1,042

The death of the following members has been reported during the year: Honorary members, Archibald Blue, Wilhelm Lexis, and Robert Meyer; members, James A. Beaver, Robert Dornan, L. G. Fouse, Charles Fry, Henry Gannett, and J. H. Kingwell.

Four regular numbers of the Quarterly Publications have been issued during the year, containing an aggregate of 349 pages, or an average of 87 pages per number. In addition to these, a hand-book of 24 pages, containing the list of members, has just been issued.

The most noteworthy event of the year was the quarterly meeting and dinner of the Association at the Yale Club, New York City, December 11. Fifty-eight members and guests were present. The general topic of the evening—"The Potential Value of Statistics in Shaping Rational Public Opinion"—was presented by Henry Bruère, Chamberlain of the City of New York. The following speakers took part in the discussion: N. C. Kingsbury, vice-president of the American Telephone and Telegraph Company, on "The Service of Statistics to Business"; Carl M. Hansen, secretary of the Workmen's Compensation Bureau Service, on "The Need of Standardization in Accident Statistics"; Osmond Phillips, editor of the New York Times, "Annalist," on "Statistics for Public Consumption"; and F. H. Dixon, chief statistician of the Bureau of Railway Economics. Washington, D. C., on "Statistics of Railroads." This was one of the most interesting and profitable meetings ever held by the Association. It was clearly shown by the speakers that the Association has an ever growing and widening field of usefulness.

Respectfully submitted,

CARROLL W. DOTEN,
Secretary.

On motion, it was voted to accept the report of the Secretary and to authorize its publication in the proceedings in the March number of the QUARTERLY PUBLICATIONS.

### TREASURER'S REPORT.

## January 1, 1914, to December 22, 1914.

#### RECEIPTS.

Membership dues	<b>\$</b> 1,162.27	
Sales and subscriptions	594.97	
Dividends and interest	113.00	
Balance on hand, January 1,		
1914	541.95	
-		\$2,412.19
EXPENDITURES	<b>.</b> .	

Printing	\$1,079.27	
Postage	184.16	
Salaries and clerical service	389.82	
Expenses	17.64	
	\$1,670.89	
Balance on hand, December 22, 1914	741.30	<b>#0.410.10</b>
<del>-</del>		\$2,412.19

#### ASSETS.

17 shares B. & A. R. R. stock @ 180 per share, \$3,060.00. S. B. Pearmain,

Treasurer.

# Auditors' Report.

We have audited the accounts of the treasurer of the American Statistical Association, for the year January 1, 1914, to December 22, 1914, and counted the securities in his possession. We find the accounts accurately stated and the expenditures properly vouched.

Respectfully submitted,

LEROY D. PEAVEY, ROSWELL F. PHELPS, Auditing Committee.

# SEVENTY-FIFTH ANNIVERSARY FUND. To December 26, 1914.

#### RECEIPTS.

Subscriptions	\$901.00	
Received from dinner	159.00	
S. B. Pearmain	4.50	
C. W. Doten	7.15	
L. D. Peavey	3.00	
Interest on bank deposit	13.53	
_		\$1,088.18
EXPENDITURES.		
Paid S. B. Pearmain for a check		
deposited on this account by		
mistake	\$25.00	
Collection charges on checks	1.90	

**\$1,088.18** 

Sumner B. Pearmain, Treasurer.

287.40

95.00

678.88

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### AUDITORS' REPORT.

Algonquin Club.....

Stenographic and clerical work...

Balance on hand January 1, 1915...

We have audited the Convention Fund accounts of the treasurer of the American Statistical Association to December 26, 1915, and find the statements correct and the expenditures properly vouched.

Respectfully submitted,

LEROY D. PEAVEY, ROSWELL F. PHELPS, Auditing Committee.

On motion, duly made and seconded, it was voted to accept the report of the treasurer and report of the auditors, and to publish the same in the proceedings of the meeting.

It was moved and carried that a statement of the Anniversary Fund, held by the treasurer, should be printed in the proceedings of the meeting.

In accordance with the following resolution, adopted by the joint meeting of the American Economic Association and the American Statistical Association:

Resolved, That the American Economic Association and the American Statistical Association, here meeting in joint session, be requested to consider the expediency of appointing coöperating committees on the relations of these Associations to the statistical work of the federal government,

It was voted that the Board of Directors of the Association be empowered to appoint a committee of five, with authority to add to its own numbers, to coöperate with a similar committee of the American Economic Association in considering means of improving the statistical work of the United States government.

The following resolution was presented by I. M. Rubinow:

Whereas, the income tax law offers the first opportunity to obtain accurate statistics of incomes in this country, and whereas the present income tax blank is faulty in that it fails to record the profession or occupation of the income taxed, be it

Resolved, That the American Statistical Association request the Bureau of Internal Revenue to include the proper query as to the occupation of the tax payer in the income tax return blank of 1915.

On motion it was voted to refer the foregoing resolution to the committee on Federal Statistics, with power to act.

It was voted, on motion of Mr. Hoffman, that three other committees, similar to the committee on Federal Statistics, to consist each of five members, with power to add to their membership, be appointed by the Board of Directors, as follows:

- 1. On State Statistical Work.
- 2. On Municipal Statistical Work.
- 3. On Business Statistics.

On motion of Mr. Babson, a committee of the same number, to be appointed in the same way, was voted, to be known as the Committee on International Statistics.

It was further voted that each of the committees as above constituted should be authorized to appoint sub-committees from their own members or other members of the Association.

The committees above named have been appointed by the Board of Directors as follows:

Federal Statistics—T. S. Adams, F. L. Hoffman, J. Koren, L. W. Hatch, N. I. Stone.

State Statistics—E. Dana Durand, R. E. Chaddock, E. W. Kemmerer, H. J. Harris, Charles F. Gettemy.

Municipal Statistics—LeGrand Powers, L. I. Dublin, E. M. Hartwell, F. A. Cleveland, Fred C. Croxton.

Business Statistics—C. P. Neill, H. S. Person, W. S. Gifford, I. M. Rubinow, J. H. Parmelee.

International Statistics—Irving Fisher, Royal Meeker, Harvey S. Chase, M. M. Dawson, R. P. Falkner.

The following resolution was presented by Mr. Miles M. Dawson, and on motion was duly voted:

Whereas, the United States Senate has adopted a resolution calling upon the Commissioner of Labor Statistics to make an investigation of mortality and disability among persons engaged in different occupations:

Whereas, The Commissioner of Labor Statistics has expressed his willingness to perform this work and has asked for a special appropriation of \$25,000 to enable him to do so,

Now, therefore, the American Statistical Association urges upon Congress the great importance of securing reliable information concerning mortality and disability among persons engaged in various occupations and the wisdom of making this appropriation to enable such information to be obtained and laid before the Senate.

It was voted to instruct the president of the Association to appoint a nominating committee of not less than three members, and to announce the membership of such committee not less than three months prior to the next annual meeting.

On motion it was voted to leave the time and place of the next annual meeting to be determined by the Board of Directors.

The secretary made a report for the Committee on Constitution and By-Laws, appointed at the last annual meeting of the Association. After some discussion of the draft of the constitution and by-laws presented by the committee, it was voted to refer the matter back to the same committee, and the committee was instructed to report recommendations at a date sufficiently early to permit of action on the same at the next annual meeting of the Association.

The Nominating Committee, consisting of E. M. Hartwell, W. S. Gifford, and C. W. Doten, reported the following nominations for office in the Association during the ensuing year: President, E. Dana Durand; Vice-Presidents, Charles P. Neill, Charles F. Gettemy, Joseph A. Hill, Edward B. Phelps, Charles H. Verrill; Librarian, Horace G. Wadlin; Treasurer, S. B. Pearmain; Secretary, Carroll W. Doten; Assistant Secretaries, Robert E. Chaddock, M. O. Lorenz; Counsellors, Frederick L. Hoffman, Walter F. Willcox, John Koren: Editor, William B. Bailey: Associate Editors, Frederick S. Crum, Louis I. Dublin, Julius H. Parmelee, Warren M. Persons; Committee on Finance, Miles M. Dawson, Walter E. Weyl, S. B. Pearmain; Committee on Library, Roger W. Babson, Edmund E. Day, Horace L. Wheeler; Committee on Nomination of Fellows, Frederick L. Hoffman, Irving Fisher, Frank H. Dixon, Cressy L. Wilbur, Carroll W. Doten.

On motion the report of the Nominating Committee was accepted, and it was voted to instruct the secretary to cast one ballot for the list as presented. This having been done, they were duly declared elected.

On motion it was voted that the retiring president appoint a committee of three with himself as chairman, to complete the work of editing and publishing the Memorial volume. He appointed as such committee, J. Koren, W. S. Rossiter, and C. W. Doten.

It was voted to instruct the secretary to express the sincere thanks of the Association to President Hibben of Princeton University, and to the various members of the faculty who had by their splendid coöperation provided such excellent opportunities for the meetings of the Association and for the entertainment of its members.

On motion a vote of thanks was extended to the retiring president, for his untiring services on behalf of the Association during the two years of his incumbency.

The meeting adjourned at 11.30.

CARROLL W. DOTEN, Secretary.